

Railroad Rolling Stock Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
336510, Railroad rolling stock manufacturing	2002..	148	199	25 305	1 195 073	15 578	30 638	632 543	3 741 703	4 013 347	7 793 382	'124 272
	2001..	N	N	34 719	1 449 784	24 010	48 661	798 530	3 824 449	4 571 097	8 578 053	169 596
	2000..	N	N	35 578	1 480 181	24 855	57 330	872 279	4 360 089	5 376 257	9 722 424	202 951
	1999..	N	N	38 511	1 532 969	27 913	59 927	928 851	4 460 735	5 869 478	10 352 310	219 516
	1998..	N	N	37 351	1 440 110	26 645	55 202	849 084	3 848 408	5 427 590	9 256 810	201 617
	1997..	173	232	34 012	1 319 135	23 977	53 391	796 472	3 345 283	5 097 254	8 263 395	197 174

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336510, Railroad rolling stock manufacturing												
United States	—	199	116	25 305	1 195 073	15 578	30 638	632 543	3 741 703	4 013 347	7 793 382	124 272
Illinois	1	32	21	3 961	228 706	2 199	4 694	112 936	747 790	972 038	1 705 901	11 939
Indiana	—	6	4	1 125	41 338	463	889	15 269	70 708	97 649	173 052	7 877
New York	—	14	10	2 029	90 691	977	1 919	31 406	378 828	443 246	913 974	16 151
Pennsylvania	—	30	16	9 080	474 750	5 699	10 550	259 118	1 295 674	1 466 518	2 772 838	46 024
South Carolina	1	9	5	1 047	41 252	591	1 233	20 993	132 994	134 289	272 771	13 422
Texas	—	9	7	772	26 780	614	1 250	18 142	51 811	117 200	171 680	2 738

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
336510, Railroad rolling stock manufacturing	
Companies ¹	number.. 148
All establishments ²	number.. 199
Establishments with 1 to 19 employees	number.. 83
Establishments with 20 to 99 employees	number.. 73
Establishments with 100 employees or more	number.. 43
All employees ³	number.. 25 305
Total compensation	\$1,000.. 1 558 525
Annual payroll	\$1,000.. 1 195 073
Total fringe benefits	\$1,000.. 363 452
Production workers, average for year	number.. 15 578
Production workers on March 12	number.. 16 418
Production workers on May 12	number.. 15 471
Production workers on August 12	number.. 15 219
Production workers on November 12	number.. 15 178
Production worker hours	1,000.. 30 638
Production worker wages	\$1,000.. 632 543
Total cost of materials	\$1,000.. 4 013 347
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 481 394
Resales	\$1,000.. 344 151
Purchased fuels	\$1,000.. 17 339
Purchased electricity	\$1,000.. 26 797
Contract work	\$1,000.. 143 666
Quantity of electricity purchased for heat and power	1,000 kWh.. 396 314
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 106 515
Total value of shipments	\$1,000.. 7 793 382
Primary products value of shipments	\$1,000.. 6 197 581
Secondary products value of shipments	\$1,000.. 471 350
Total miscellaneous receipts	\$1,000.. 1 124 451
Value of resales	\$1,000.. 473 514
Contract receipts	\$1,000.. 592 116
Other miscellaneous receipts	\$1,000.. 58 821
Primary products specialization ratio	percent.. 93
Value of primary products shipments made in all industries	\$1,000.. 6 319 201
Value of primary products shipments made in this industry	\$1,000.. 6 197 581
Value of primary products shipments made in other industries	\$1,000.. 121 620
Coverage ratio	percent.. 98
Value added	\$1,000.. 3 741 703
Total inventories, beginning of year	\$1,000.. 1 398 815
Finished goods inventories	\$1,000.. 462 663
Work-in-process inventories	\$1,000.. 606 504
Materials and supplies inventories	\$1,000.. 329 648
Total inventories, end of year	\$1,000.. 1 341 210
Finished goods inventories	\$1,000.. 433 115
Work-in-process inventories	\$1,000.. 597 720
Materials and supplies inventories	\$1,000.. 310 375
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '2 543 754
Total capital expenditures (new and used)	\$1,000.. '124 272
Buildings and other structures (new and used)	\$1,000.. '31 693
Machinery and equipment (new and used)	\$1,000.. '92 579
Automobiles, trucks, etc., for highway use	\$1,000.. '1 833
Computers and peripheral data processing equipment	\$1,000.. '9 573
All other expenditures for machinery and equipment	\$1,000.. '81 173
Total retirements	\$1,000.. '88 849
Gross value of depreciable assets at end of year	\$1,000.. '2 579 177
Depreciation charges during year	\$1,000.. '155 787
Total rental payments	\$1,000.. 60 904
Buildings and other structures	\$1,000.. 23 443
Machinery and equipment	\$1,000.. 37 461
Total other expenses ⁴	\$1,000.. 361 827
Response coverage ratio ⁵	percent.. 91
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 28 799
Communications services ⁴	\$1,000.. 12 974
Legal services ⁴	\$1,000.. 6 742
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 378
Advertising and promotional services ⁴	\$1,000.. 4 731
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 25 986
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 988
Management consulting and administrative services ⁴	\$1,000.. 7 932
Taxes and license fees ⁴	\$1,000.. 12 518
All other expenses ⁴	\$1,000.. 254 780

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336510, Railroad rolling stock manufacturing											
All establishments	—	199	25 305	1 195 073	15 578	30 638	632 543	3 741 703	4 013 347	7 793 382	'124 272
Establishments with—											
1 to 4 employees	9	30	69	2 341	45	79	1 339	5 653	5 139	10 789	'118
5 to 9 employees	4	21	143	5 437	91	191	2 982	14 187	18 371	33 536	'599
10 to 19 employees	2	32	455	16 311	295	578	9 158	37 419	46 142	84 584	'1 948
20 to 49 employees	2	36	1 190	45 503	763	1 588	25 642	102 519	132 882	238 646	'4 288
50 to 99 employees	—	37	2 667	100 829	1 814	3 708	56 493	225 342	279 022	510 086	'9 347
100 to 249 employees	1	22	3 559	144 977	2 316	4 576	73 804	512 752	642 127	1 268 827	'21 405
250 to 499 employees	—	12	3 914	168 420	2 160	4 216	77 677	690 772	378 418	1 064 607	'25 844
500 to 999 employees	3	6	4 161	177 910	2 589	5 483	99 558	483 399	473 377	887 084	'15 519
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	1	i	D	D	D	D	D	D	D	D
Administrative records ⁴	9	45	243	9 024	158	323	5 151	23 497	22 735	46 233	'568

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
336510	Railroad rolling stock manufacturing ..	199	25 305	1 195 073	15 578	30 638	632 543	3 741 703	4 013 347	7 793 382	'124 272
3365101	Locomotives, new and rebuilt (including parts)	22	9 695	545 600	5 933	11 326	287 313	1 640 028	2 043 208	3 686 732	'54 550
3365103	Freight train and passenger train cars, new (excluding parts)	19	5 183	206 331	3 317	6 702	111 852	771 222	590 785	1 335 819	'20 599
3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	83	9 457	406 646	5 716	11 344	212 790	1 256 722	1 301 656	2 616 253	'45 945

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336510	Railroad rolling stock manufacturing	2002.. N 1997.. N	X X	X X	6 319 201 7 697 669
3365101	Locomotives, new and rebuilt (including parts)	2002.. N 1997.. N	X X	X X	2 452 623 2 952 659
33651011	Locomotives, new and rebuilt (including parts)	2002.. N 1997.. N	X X	X X	2 439 814 2 952 659
3365101102	Diesel-electric locomotives, new and rebuilt	2002.. 13 1997.. N	X X	X X	2 057 911 N
3365101111	Parts for locomotives, except fuel lubricating and cooling medium pumps	2002.. 21 1997.. 33	X X	X X	381 903 1 008 824
3365101Y	Locomotives, both new and rebuilt, and parts, nsk	2002.. N 1997.. N	X X	X X	12 809 —
3365101YVV	Locomotives, both new and rebuilt, and parts, nsk	2002.. N 1997.. N	X X	X X	12 809 —
3365103	Freight train and passenger train cars, new (excluding parts)	2002.. N 1997.. N	X X	X X	1 269 139 2 889 896
33651031	Freight train and passenger train cars, new (excluding parts)	2002.. N 1997.. N	X X	X X	1 269 139 2 889 896
3365103100	Freight train and passenger train cars, new (excluding parts)	2002.. 18 1997.. 18	X X	X X	1 269 139 2 889 896
3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	2002.. N 1997.. N	X X	X X	2 491 398 1 741 830
33651053	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	2002.. N 1997.. N	X X	X X	1 502 525 388 679
3365105301	Passenger and freight train cars, rebuilt	2002.. 18 1997.. 17	X X	X X	564 487 133 112
3365105304	Self-propelled and nonself-propelled street, subway, trolley, and rapid transit cars, rebuilt	2002.. 13 1997.. 6	X X	X X	938 038 255 567
33651054	Railway maintenance of way equipment and parts, parts for all railcars, and other work and service railway vehicles (excluding locomotive cranes)	2002.. N 1997.. N	X X	X X	973 925 1 348 264
3365105405	Railway maintenance of way equipment (including rail layers, ballast spreaders, etc.), excluding rail cars	2002.. 9 1997.. 13	X X	X X	109 406 145 529
3365105407	Other work and service railroad vehicles (excluding locomotive cranes)	2002.. 8 1997.. 7	X X	X X	D 36 050
3365105411	Airbrake equipment for railroad and streetcars	2002.. 4 1997.. 10	X X	X X	D 164 758
3365105413	Other brake equipment for railroad and streetcars	2002.. 7 1997.. 7	X X	X X	40 365 77 127
3365105416	Hooks and other coupling devices, buffers, and parts for railroad and streetcars	2002.. 10 1997.. 8	X X	X X	81 137 155 304
3365105420	Other railroad and streetcar parts and accessories, including truck assemblies	2002.. 40 1997.. N	X X	X X	606 648 N
3365105421	Parts for railway maintenance of way equipment.	2002.. 8 1997.. N	X X	X X	61 995 N
3365105Y	Street, subway, trolley, and rapid transit cars, all rebuilt railcars, and parts for all railcars, nsk	2002.. N 1997.. N	X X	X X	14 948 4 887
3365105YVV	Street, subway, trolley, and rapid transit cars, all rebuilt railcars, and parts for all railcars, nsk	2002.. N 1997.. N	X X	X X	14 948 4 887
336510W	Railroad rolling stock manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	106 041 113 284
336510WY	Railroad rolling stock manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	106 041 113 284
336510WYWW	Railroad rolling stock manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	62 356 76 173
336510WYWY	Railroad rolling stock manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	43 685 37 111

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3365101	Locomotives, new and rebuilt (including parts)	
	United States 2002 ..	2 452 623
	..... 1997 ..	2 952 659
	New York 2002 ..	52 870
	..... 1997 ..	53 741
3365103	Freight train and passenger train cars, new (excluding parts)	
	United States 2002 ..	1 269 139
	..... 1997 ..	2 889 896
	Illinois 2002 ..	123 357
	..... 1997 ..	433 278
3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	
	United States 2002 ..	2 491 398
	..... 1997 ..	1 741 830
	Illinois 2002 ..	192 354
	..... 1997 ..	287 154
	Indiana 2002 ..	79 556
	..... 1997 ..	37 429
	New York 2002 ..	659 822
	..... 1997 ..	107 693
	Pennsylvania 2002 ..	584 665
	..... 1997 ..	461 302
	South Carolina 2002 ..	237 432
	..... 1997 ..	133 351
	Texas 2002 ..	35 601
	..... 1997 ..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336510	Railroad rolling stock manufacturing		
00900001	Total materials .....2002..	X	3 481 394
	.....1997..	X	4 823 071
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	17 546
	.....1997..	X	67 945
00190090	Fluid power products .....2002..	X	67 763
	.....1997..	X	89 618
33210000	Forgings .....2002..	X	56 914
	.....1997..	X	N
33200063	Other fabricated metal products (excluding fluid power products and forgings) .....2002..	X	80 486
	.....1997..	X	496 475
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	286 009
	.....1997..	X	357 545
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	56 059
	.....1997..	X	385 851
33120016	Steel sheet and strip (including tinplate) .....2002..	X	14 279
	.....1997..	X	N
33120019	Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	102 899
33120091	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling) .....2002..	X	24 703
	.....1997..	X	112 914
331000AJ	Nonferrous metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	14 419
	.....1997..	X	96 777
33152011	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished) .....2002..	X	18 035
	.....1997..	X	22 405
33299103	Roller bearings (mounted or unmounted) .....2002..	X	53 424
	.....1997..	X	107 369
33361301	Plain bearings and bushings .....2002..	X	8 175
	.....1997..	X	62 459
33361200	Mechanical speed changers, gears, and industrial high-speed drives .....2002..	X	25 733
	.....1997..	X	52 441
33531303	Railway electrical control equipment .....2002..	X	D
	.....1997..	X	386 169
33651000	Brake equipment, truck assemblies, hooks and other coupling devices, buffers, and parts .....2002..	X	180 951
	.....1997..	X	573 466
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	1 635 405
	.....1997..	X	1 443 705
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	513 018
	.....1997..	X	465 033

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.